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TI (Diarylamino)furan analogues with improved stability, useful pharmaceutical intermediates and electron hole transport or photosensitive materials.
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NOVELTY - New (diarylamino)furan analogues useful as pharmaceutical intermediates and electron hole transport or photosensitive materials are presented.

DETAILED DESCRIPTION - (Diarylamino)furan analogues of formula (I) are prepared.

l = 0 or 1;

m = 0-2;

n = 1-3;

Ar₁, Ar₂ = optionally substituted 6-30C aryl with the proviso both Ar₁ and Ar₂ are not 4'-methylbiphenyl or phenyl having an N atom at position 4; and

R = phenyl or 1-20C alkyl.

USE - The (diarylamino)furan analogues are useful intermediates to pharmaceuticals and electron hole transport materials for organic electroluminescence elements or photosensitive materials for electron photography.

ADVANTAGE - The agents possess improved stability by introducing naphthyl, fluorenyl, or biphenyl groups as the aryl group.
Dwg.0/0

